## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	"6331785"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 15:44
S2	10	"6075379"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 15:45
S3	16	("5118971"   "5134311"   "5162672"   "5254883"   "5537070"   "5568081"   "5781050"   "5926032"). PN. OR ("6075379").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 15:54
S4	10	"5994922"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 15:55
S5	14	("5162672"   "5254883"   "5394034"   "5621335"   "5717343").PN. OR ("5994922").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 15:59
S6	70	"6087847"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 15:59
S7	21	("5134311"   "5463326"   "5506541"   "5559441"   "5877632"   "5949268"   "6087847"   "6094069"   "6160417"   "6218863"   "6232814"   "6278300"   "6380758"   "6414525"   "6445245"   "6480026"   "6480798"   "6549036"). PN. OR ("6963218").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 16:03
<b>S</b> 8	16	("4628276"   "4719369"   "5194765"   "5254883"   "5666078"   "5844913"   "5955894"   "6064224"   "6087847"   "6278300"   "6300798"   "6307791"   "6316957"   "6535047"). PN. OR ("6756810").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 16:11

S9	154	("4414480"   "4424456"   "4430583"   "4477741"   "4507576"   "4518873"   "4567378"   "4593203"   "4609832"   "4609836"   "4622482"   "4634893"). PN. OR ("4719369").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 16:13
S10	13	("5602494"   "5705937"   "6049221"   "6087847"   "6424175").PN. OR ("6642740").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 16:14
S11	40	("5134311"   "5463326"   "5506541"   "5559441"   "5949268"   "6087847"   "6094069"   "6232814"). PN. OR ("6445245").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 08:33
S12	70	"6087847"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 08:55
S13	81	"5666078"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 08:58
S14	17	"6545522"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 09:02
S15	8	("5194765"   "5459440"   "6486612"   "6545522"). PN. OR ("6756858").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 09:07
S16	671	"326"/\$.ccls. and (impedance adj matching)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:29
S17	137	S16 and (threshold near2 voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:14
S18	325	S16 and (threshold or bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:22
S19	188	S18 not S17	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:16
S20	162	S16 and (well and bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:23
S21	3	S16 and (well near2 bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:24
S22	239	"326"/\$.ccls. and transistor and (well near2 bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:25
S23	149	(impedance adj matching) and (well near2 bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 14:04
S24	1	"20020113628"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 14:04
S25	3140	configura\$4 and load and (fan adj2 (in or out))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 08:43

S26	326	S25 and "326".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 08:43
S27	287	S26 and @ad<"20060622"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 08:44
S28	10	(impedance adj (match \$3)) and (fan adj2 (in or our))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 09:24
S29	1495	configur\$4 and load and (fan adj2 (in or out)) and delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 09:27
S30	1	(configur\$4 and load and (fan adj2 (in or out)) and delay).CLm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 09:28
S32	1417	configur\$4 and load and (fan adj (in or out)) and delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 09:28
S33	873	S32 and adjust\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 09:29
S34	152	S33 and ("326" or "327"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 09:29
S35	110	S34 and @ad<"20041208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 09:30
S37	374	((impedance adj match\$3) or (load adj determin\$5)) and (fan adj2 (in out))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 09:46

S38	289	S37 and @ad<"20041208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 09:47
S39	4794	"326".clas. and (impedance or load) and configur\$5 and (switch or interconnect or routing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 10:38
S40	302	S39 and (fan adj (in out))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 10:39
S41	235	S40 and @ad<"20041208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 10:39
S42	132	("4255748"   "4625313"   "4638187"   "4638243"   "4684830"   "4700130"   "4706216"   "4713557"   "4717912"   "4718042"   "4742252"   "4772812"   "4800176"   "4857774"   "4870300"   "4870302"   "4873459"   "4928023"   "4930097"   "4935645"   "4959561"   "4978905"   "5008855"   "5017813"   "5046035"   "5083083"   "5121394"   "5122685"   "5126282"   "5132571"   "5144166"   "5187392"   "5198705"   "5208491"   "5220213"   "5220215"   "5221865"   "5222066"   "5258319"   "5272388"   "5286922"   "5300832"   "5317698"   "5365485"   "5367207"   "5375089"   "5394033"   "5394034"   "5399920"   "5400262"   "5430335"   "5469396"   "5473268"   "5546019"   "5559464"   "5572476"   "5666322"   "55744980"   "5744979"   "5744980"   "5801547"   "5809281"	US-PGPUB; USPAT; USOCR			2008/02/11

		"5815003"   "5815004"   "5821776"   "5825200"   "5825201"   "5825202"   "5825662"   "5828230"   "5828538"   "5831448"   "5832892"   "5835165"   "5835998"   "5838167"   "5838584"   "5838954"   "5847441"   "5847577"   "5848005"   "5848006"   "5850151"   "5852608"   "5850564"   "5852608"   "5859543"   "5859542"   "5861761"   "5869981"   "5870586"   "5880492"   "5880512"   "5880597"   "5880598"   "5883526"   "5849719"   "5936426"   "5949719"   "5952847"   "5994934"   "6011744"   "6034677"   "6038627"   "6049487"   "6111448"   "6181174"   "6289068"   "6292016"   "6329839"   "6430088"   "6437650"   "6496887").PN. OR ("6727726").URPN.				
S43	419	"326"/\$.ccls. and (impedance adj match\$3) and delay	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/11 11:44
S45	353	S43 and @ad<"20041208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ÓN	2008/02/11 11:44
S46	341	S45 and input and output	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/11 11:46
S47	0	(impedance and matching and well and bias and threshold and fan and load and determination and switch and interconnect and delay).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 14:26
S48	0	(impedance and matching and well and bias and threshold and fan and load and switch and interconnect and delay).  CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 14:26

S49	0	(impedance and matching and well and bias and threshold and fan and load and delay).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 14:27
S50	0	(impedance and matching and bias and threshold and fan and load and delay). CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 14:27
S51	2	(impedance and matching and bias and threshold and load and delay).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 14:27
S52	14	(impedance and matching and bias and threshold and load).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/18 16:11
S53	6889	((327/170,172-176) or (326/30)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/15 11:28
S54	695	S53 and (buffer driver transmitter receiver) near4 (activat\$4 de\$2activat\$4 enable\$4 disabl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 11:31
S55	4773	(327/170,172-176).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/15 11:32
S56	223	S55 and (buffer driver transmitter receiver) near4 (activat\$4 de\$2activat\$4 enable\$4 disabl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 11:32
S57	253	("4845390").PN. OR ("5134311").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 11:47

S58	21	("20030122574"   "20050007835"   "20070002675"   "5134311"   "5434823"   "5751649"   "5801548"   "6188237"   "6208168"   "6229758"   "6307791"   "6362656"   "6556485"   "6563343"   "6642740"   "6816427"   "6919738"   "7035148"   "7079425"   "7079445"   "7133318"). PN. OR ("7369443").URPN.	US-PGPUB; USPAT; USOCR	OR	NO Z	2009/01/15 11:53
S59	8	("5220216"   "5783956"   "5917758"   "6054885"   "6362656"   "6404258"   "6646483").PN. OR ("7133318").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 11:56
S60	63	("4593203"   "4719369"   "4806804"   "4899071"   "5012141"   "5118971"). PN. OR ("5220216").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 11:59
S61	6	"7035148"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 12:00
S62	216	S56 not S57	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 12:40
S63	0	(well and bias and threshold and fan and load and determinat\$4 and switch and interconnect and delay).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:46
S64	0	(well and bias and threshold and fan and load and determinat\$4 and delay).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:46
S65	0	(well and bias and threshold and load and determinat\$4 and delay). CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:47
S66	2	(bias and threshold and load and determinat\$4 and delay). CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/15 14:47
S68	3454	((boad adj bias) or bulk or (back adj gate) or (reverse adj bias)) and (buffer or driver) and ("326" or "327").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/11 14:13

S69	1976	S68 and load	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/11 14:14
S70	81	"6087847"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/11 14:22
S71	93	"5666078"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/11 14:37
S72	8	("20020050838"   "20030146774"   "5606275"   "5666078"   "6307791"   "6573746"). PN. OR ("7084663").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/11 14:44
S73	24	("5134311"   "5463326"   "5506541"   "5559441"   "5877632"   "5949268"   "6087847"   "6094069"   "6160417"   "6218863"   "6232814"   "6278300"   "6380758"   "6414525"   "6445245"   "6480026"   "6480798"   "6549036"). PN. OR ("6963218").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/11 15:26
S74	116365	((boad adj bias) or bulk or (back adj gate) or (reverse adj bias)) and (buffer or driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 09:15
S75	75631	S74 and (impedance or calibrat\$3 or adjust\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 09:18
S76	2378	S75 and ("326" or "327"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 09:18
S77	1463	S76 and load	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 09:18

S78	1056	S77 and @ad<"20041208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 09:19
S79	1400	S77 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 09:19
S80	366	S79 and comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 09:20
S81	10782	(load adj determin\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 09:51
S82	1253	S81 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 09:51
S83	625	S82 and (buffer or driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 09:51
S84	83	S83 and ("326" or "327"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 10:12
S85	22	("5140194"   "5500610"   "5773999"   "5850159"   "6066958"   "6320433"   "6466487"   "6483340"   "6559676"   "6573753"). PN. OR ("6894547").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/12 10:16
S86	2933	326/30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 10:47
S87	1798	S86 and ((impedance adj matching) or (calibrat\$3) or (adjust\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 10:50

S88	1478	S87 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 10:50
S89	883	S87 and load	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 10:50
S90	8	("20020060585"   "20030091124"   "5606275"   "5732027"   "6384621"   "6563347"   "6836143"   "7038486"). PN. OR ("7443203").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/12 10:57
S91	15	("6384621"   "6535047"   "6545522"   "6570406"   "6621352"   "6628223"   "6836143"   "6909312"). PN. OR ("7038486").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/12 10:59
S92	36	("20020053923"   "20030197526"   "20030210070"   "20040021481"   "20050104620"   "20060066346"   "5414525"   "5602494"   "6064224"   "6087847"   "6114895"   "6204683"   "6288563"   "6307424"   "6329836"   "6366129"   "6384621"   "6414525"   "6466487"   "6567318"   "6573746"   "6567318"   "6573746"   "6642742"   "6690211"   "6717455"   "6756810"   "6828820"   "6836143"   "6894547"   "6909305"   "6937055"   "6952112"   "6963218"   "6980022"   "7038486"   "7084663").PN. OR ("7382152").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/12
S93	18	("20020050838"   "20020063575"   "20030155945"   "6087847"   "6157206"   "6429679"   "6525558"   "6642740"   "6661250"). PN. OR ("6836143").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/12 11:09

S94	45	(US-20020070756-\$ or US-20030122574-\$ or US-20060120180-\$ or US-20030112042-\$).did. or (US-6331785-\$ or US-6218863-\$ or US-6218863-\$ or US-5994922-\$ or US-7248088-\$ or US-7239171-\$ or US-6963218-\$ or US-6445245-\$ or US-6232814-\$ or US-6836143-\$ or US-6836142-\$ or US-6756810-\$ or US-6756858-\$ or US-6545522-\$ or US-7002379-\$ or US-6635934-\$ or US-6628149-\$ or US-6727726-\$).did. or (US-7369443-\$ or US-7133318-\$ or US-5220216-\$ or US-7035148-\$ or US-5012141-\$ or US-5801548-\$ or US-632656-\$ or US-7038486-\$ or US-7382152-\$ or US-7443203-\$ or US-7038486-\$ or US-7382152-\$ or US-64666487-\$).did.	US-PGPUB;	OR	ON	2009/08/12
S95	7	S94 and FPGA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 14:32
S97	12	(("(4388536") or ("5247212") or ("5473277") or ("5614847") or ("5828235") or ("5880604") or ("6046604). PN.")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/16 10:40
S98	0	(62/272619). <b>A</b> PP.	JPO	OR	OFF	2010/02/16 10:43
S99	4	"62272619"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/16 10:43

S100	2010	(output adj2 load) and (calibration or adjustment or determination) and buffer and delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/26 15:06
S101	320	S100 and ("326" or "327"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/26 15:06
S102	0	("2007/0115026").URPN.	USPAT	OR	ON	2010/02/26 15:09
S103	0	krishnan-rohini\$.IN.	USPAT	OR	ON	2010/02/26 15:10
S104	4	meijer-rinze\$.IN.	USPAT	OR	ON	2010/02/26 15:10
S105	352	(load adj determination)	USPAT	OR	ON	2010/02/26 15:31
S106	73	S105 and buffer	USPAT	OR	ON	2010/02/26 15:32

## **EAST Search History (Interference)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1		(impedance and buffer and driver and load and transistor and configurable and adjust\$4).CLM.	USPAT; UPAD	OR	ON	2010/02/27 16:10
S96		(impedance and buffer and driver and load and transistor and configurable and adjust\$4).CLM.	USPAT; UPAD	OR	ON	2009/08/12 15:09

## 2/27/2010 4:12:03 PM

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